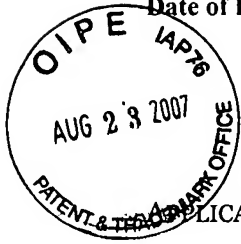


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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Mischel, *et al.*  
ASSIGNEE: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA AND  
CELL SIGNALING TECHNOLOGY, INC.  
SERIAL NUMBER: 10/701,490 EXAMINER: B. Duffy  
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FOR: METHODS AND MATERIALS FOR EXAMINING PATHWAYS  
ASSOCIATED WITH GLIOBLASTOMA PROGRESSION

August 23, 2007  
Danvers, Massachusetts

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE PURSUANT 37 C.F.R. §1.111**

This paper is filed in response to the February 23, 2007 Office Action (the "Office Action") issued in the above-identified patent application.

This Amendment and Response includes the following sections presented on the subsequent pages:

*Amendment to the Claims:* pages 2-5 of this paper.

*Amendments to the Specification:* pages 6-8 of this paper

*Remarks:* pages 9-17 of this paper.